

4 Cu : up to 0.05 wt%  
 5 Mn : up to 0.05 wt%  
 6 Mg : 0.35 to 0.50 wt%  
 7 Zn : up to 0.05 wt%  
 8 Ti : up to 0.20 wt%

9 [Balance :] and the balance Al and other components, [the]  
 10 wherein said other components comprise a total of not more than 0.15 wt% of  
 11 said alloy and any single component of [the] said other components does not  
 12 exceed 0.05 wt% of said alloy, the alloy having a microstructure which  
 13 includes a primary aluminum-containing matrix and one or more iron-  
 14 containing phases dispersed in the matrix, and wherein the sole or  
 15 predominant iron-containing phase is  $\beta$  phase that has formed as a  
 16 transformation product of  $\pi$  phase.

In Claim 4, line 1, delete "any one of the preceding claims", and  
 insert --Claim 1--.

1 5. (Amended) A method for manufacturing an alloy article  
 2 [which comprises] comprising the steps of:  
 3 (a) providing a melt having a composition of:  
 4 Si : 6.5 - 7.5 wt%  
 5 Fe : up to 0.20 wt%  
 6 Cu : up to 0.05 wt%

7 Mn: up to 0.05 wt%  
 8 Mg : 0.35 to 0.50 wt%  
 9 Zn : up to 0.05 wt%  
 10 Ti : up to 0.20 wt%

11 [Balance :] and the balance Al and other components, [the]  
 12 said other components comprising a total of not more than 0.15 wt% of said  
 13 alloy and any single component of [the] said other components not exceeding  
 14 0.05 wt% of said alloy,

15 (b) casting said melt and solidifying a casting at a cooling rate  
 16 that produces a microstructure of an aluminum-containing matrix and  $\pi$  and  $\beta$   
 17 iron-containing phases dispersed in the matrix;

18 (c) solution heat treating the casting to at least partially  
 19 transform  $\pi$  phase to  $\beta$  phase; and

20 (d ) quenching the casting to form the alloy article.

In Claim 7, line 1, delete "or claim 6".

In Claim 10, line 1, delete "or claim 6".

In Claim 11, lines 1 and 2, delete "any one of claims 5 to 10",  
 and replace with --Claim 5--.

In Claim 12, lines 1 and 2, delete "any one of claims 5 to 11",  
 and replace with --Claim 5--.

In Claim 13, lines 1 and 2, delete "any one of claims 5 to 12",  
 and replace with --Claim 5--.

In Claim 13, line 2, delete "includes" and replace with  
--including--.

Please add the following new claims:

1 --15. The alloy defined in claim 3, wherein the Mg content of the  
2 alloy is 0.40-0.45 wt%.

1 16. The method defined in claim 6, wherein the sole or  
2 predominant iron-containing phase in the alloy article is  $\beta$  phase.

1 17. The method defined in claim 6, wherein the step of  
2 solidifying the casting produces iron-containing phases that include a  
3 substantial proportion of  $\pi$  phase and the subsequent solution heat treatment  
4 step is effective to convert a majority of the  $\pi$  phase to  $\beta$  phase to give a  
5 microstructure in the alloy article that includes iron-containing phases which  
6 are predominantly  $\beta$  phase.

1 18. The method defined in claim 10, wherein, prior to casting,  
2 the melt is at a temperature above the liquidus temperature of the alloy.

1 19. The method defined in claim 18, wherein the quenching  
2 step is in hot water having a temperature of 70-80°C.